

SSLFHFD

LAMINAR FLOW HEPA FILTER DIFFUSER

STANDARD CONSTRUCTION

- 304 Stainless Steel w/Filter Gel Seal Knife Edge
- 70mm Gel Seal H14 HEPA Filter - 99.995% on 0.3 µm, Room Side Replaceable
- Seam Welded Plenum Corners
- Lay-In / Surface Mounting
- Walkable Plenum up to 250lbs
- Hanger Tabs for Unit Support Above Ceiling

FEATURE OPTIONS

- ☐ Foil Backed Insulation
 - ☐ 1.5" (R=4.2)
 - ☐ 2.25" (R=6.0)
- ☐ HEPA-Lert Filter Monitor
 - ☐ Battery
 - ☐ 24V Supply *(By Others)*
- ☐ Test Ports
 - ☐ 1 Port
 - ☐ 2 Ports
- ☐ PAO Challenge System *(Requires 2 Test Ports)*
- ☐ Diffuser Basket
- ☐ Dual Perf *(2nd Panel/Layer of Perf)*
- ☐ Hinged Face Frame
- ☐ Seam Welded Inlet Collar
- ☐ Hard Ceiling Clamping System
- ☐ Hanger Brackets *(for use with 3/8" threaded rod by others)*
- ☐ Custom Unit Depth:_____

INLET OPTIONS

- ☐ Inlet Location
 - ☐ Top Inlet
 - ☐ Side Inlet
 - ☐ End Inlet
- ☐ Inlet Shape/Size
 - ☐ Round - Size:_____
 - ☐ Oval - Size:_____
 - ☐ Rectangle - Size:_____
 - ☐ Flanged

MATERIAL OPTIONS

- ☐ 316 Stainless Steel

FINISH OPTIONS

- ☐ Polished
- ☐ White Antimicrobial Powder Coat
- ☐ Other: _____

FACE OPTIONS

- ☐ Perf Face
- ☐ CLCD Face
- ☐ Swirl Face

PERF OPTIONS

- ☐ 13% - Standard
- ☐ 23% - Medium
- ☐ 33% - High
- ☐ 51% - Max

FILTER OPTIONS

- ☐ ULPA Filter - 99.9995% on 0.12 µm

FILTER	NOMINAL UNIT SIZE	OVERALL WIDTH (W)	OVERALL HEIGHT (H)	DEPTH (D)	CUTOUT WIDTH (CW)	CUTOUT HEIGHT (CH)	ACTIVE FILTER FACE AREA (SQ.FT.)
RSR	24 X 24	23.75	23.75	9.00	23.00	23.00	2.00
	36 X 24	35.75	23.75	9.00	35.00	23.00	3.42
	48 X 24	47.75	23.75	9.00	47.00	23.00	4.84

LIGHTING OPTIONS *(See Page 3 of 3 for Additional Details)*

- ☐ Color: White; Preset at 5000K; 90+ CRI
- ☐ Color: White; Preset; 90+ CRI
 - ☐ 2700
 - ☐ 3000
 - ☐ 3500
 - ☐ 4000
 - ☐ 4500
 - ☐ 5000
 - ☐ 6500
- ☐ Color: Tunable from 2700K-6500K via 0-10VDC Dimmer; 90+ CRI
- ☐ Other Color:_____
- ☐ Battery Backup
 - 20% of Light Output for up to 90 Minutes

DAMPER TYPE

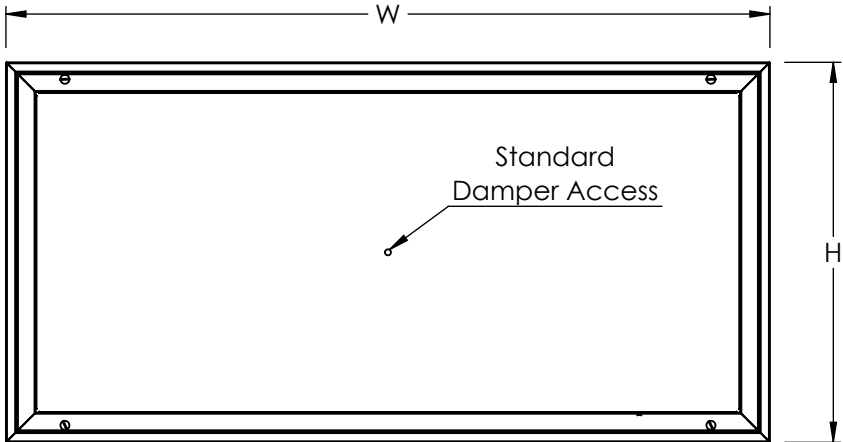
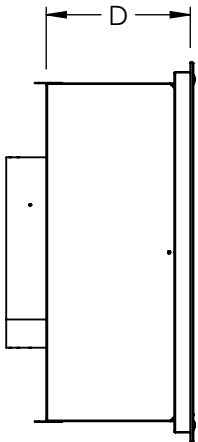
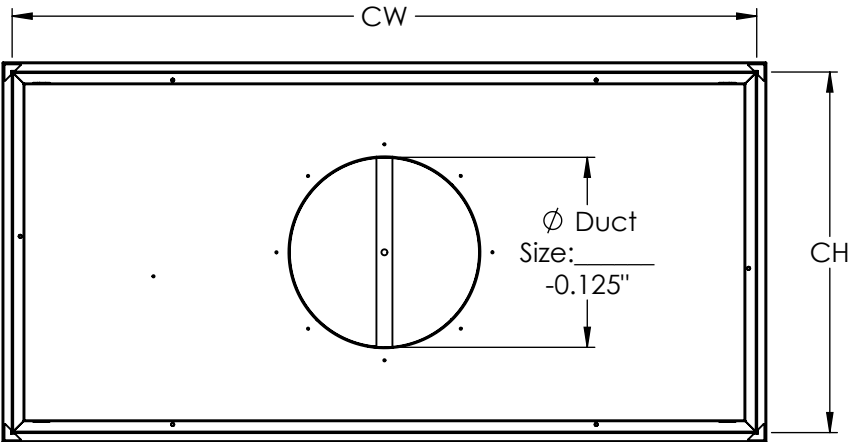
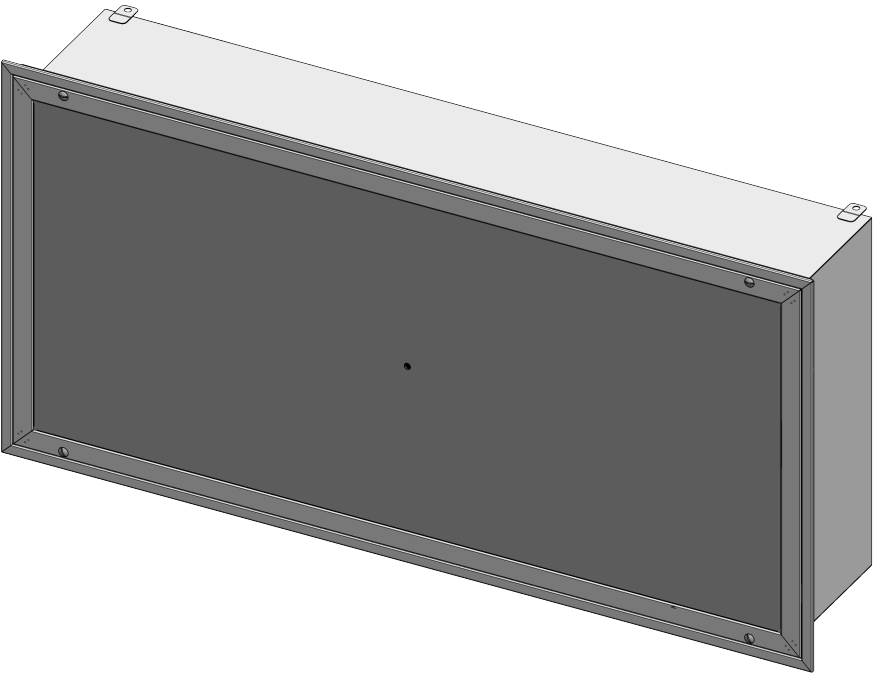
- ☐ SSRD - Butterfly Damper
- ☐ SSBD - Bowtie Damper
- ☐ SSDD - Disc Damper
 - ☐ Solid Disc
 - ☐ Solid Disc w/Perf Ring
 - ☐ Perf Disc
- ☐ SSSD - Slide Damper

DAMPER OPTIONS

- ☐ Remote Damper *(Not Available w/Disc Damper)*



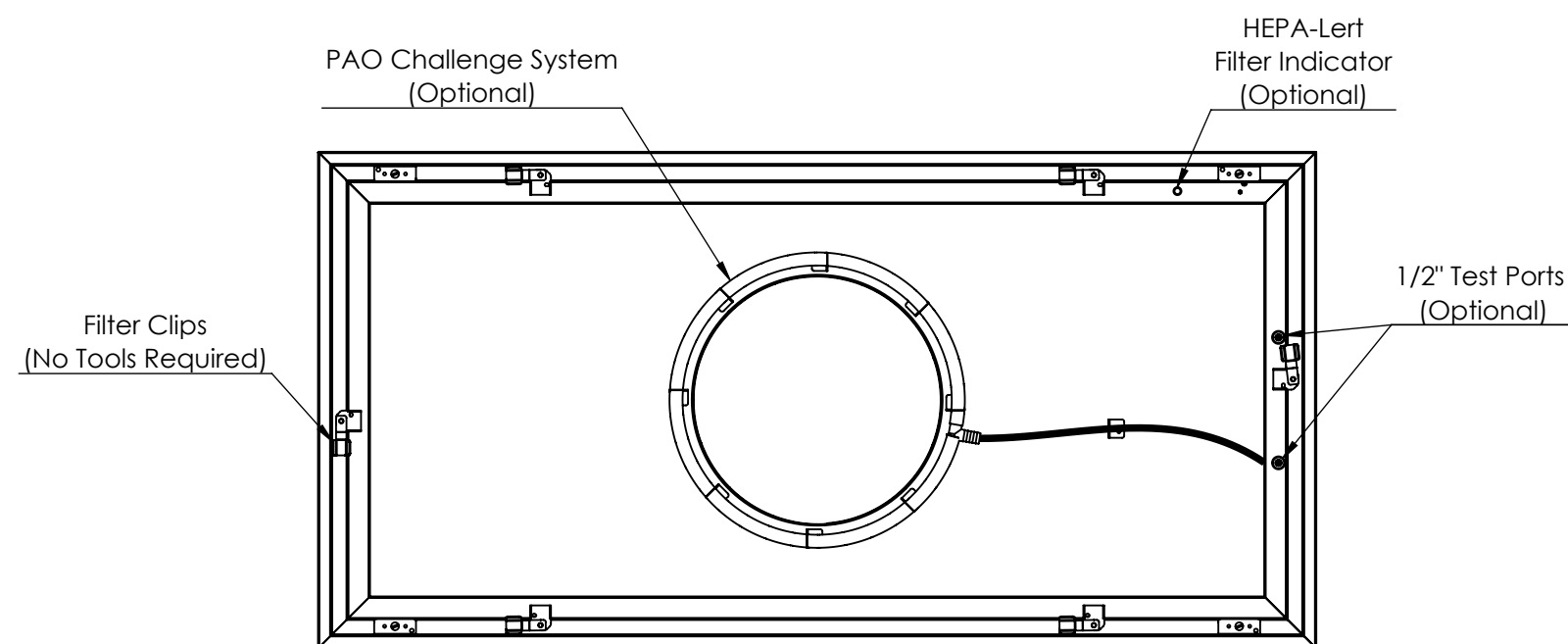
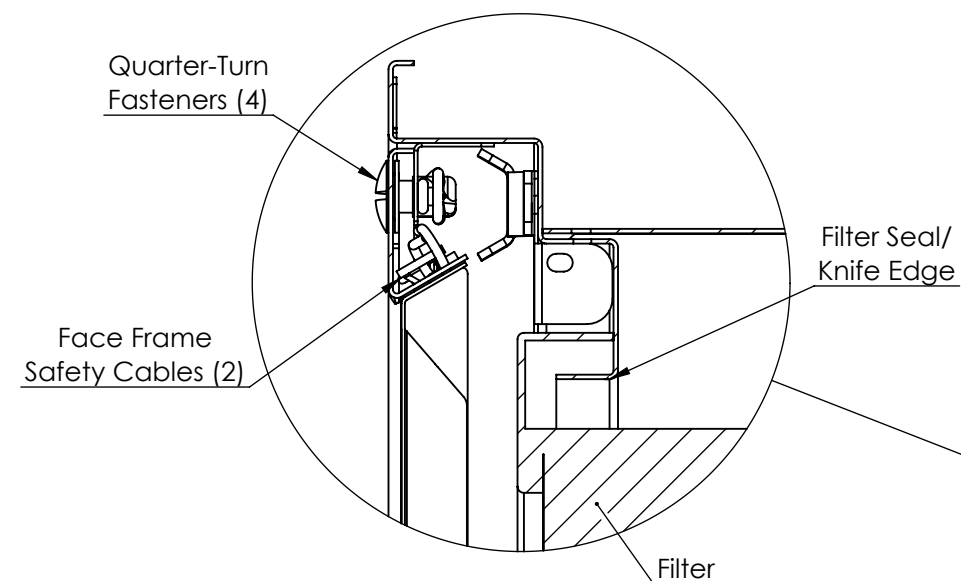
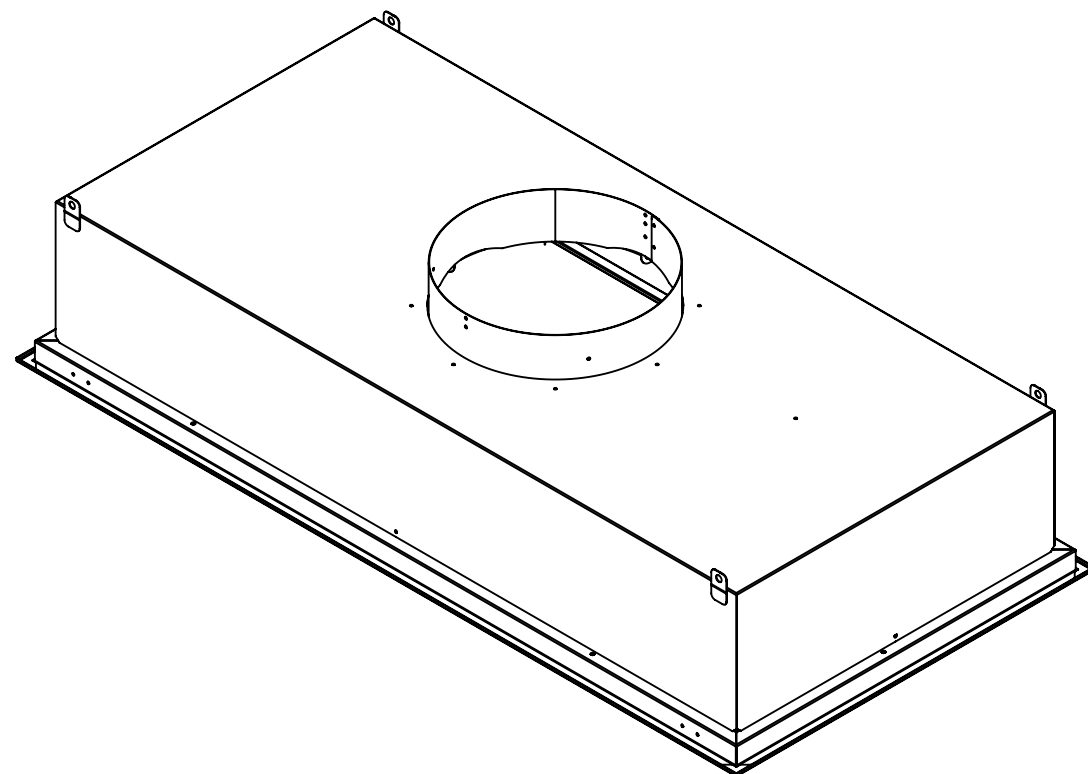
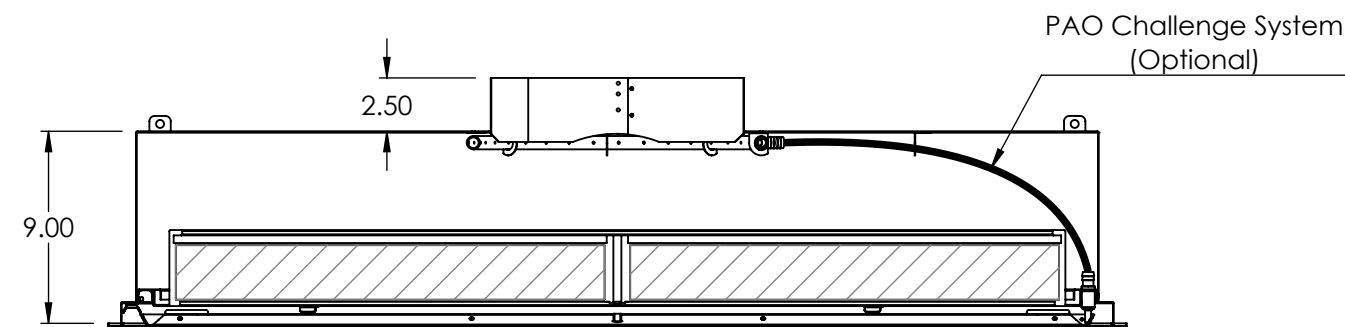
AJ MANUFACTURING CO.
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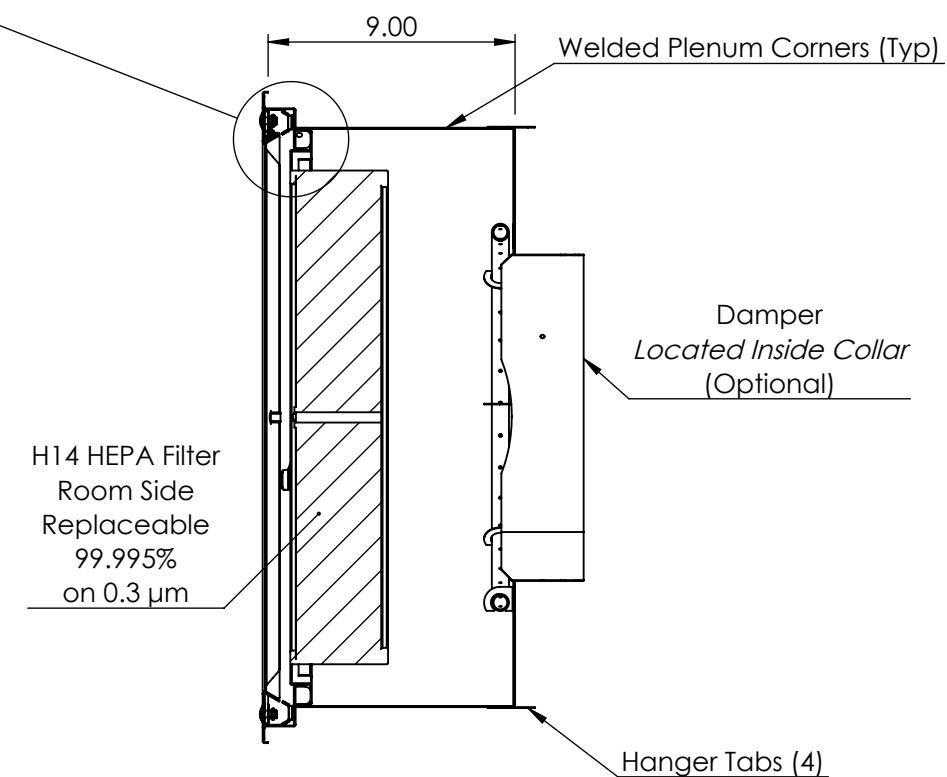
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FACE FRAME AND HEPA FILTER
REMOVED FOR CLARITY



SECTION A-A
SCALE 1 : 7

SSLFHFD-LED

LAMINAR FLOW HEPA FILTER DIFFUSER W/LED LIGHTING

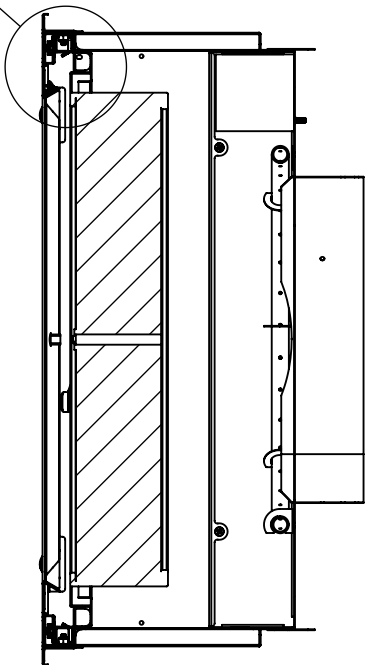
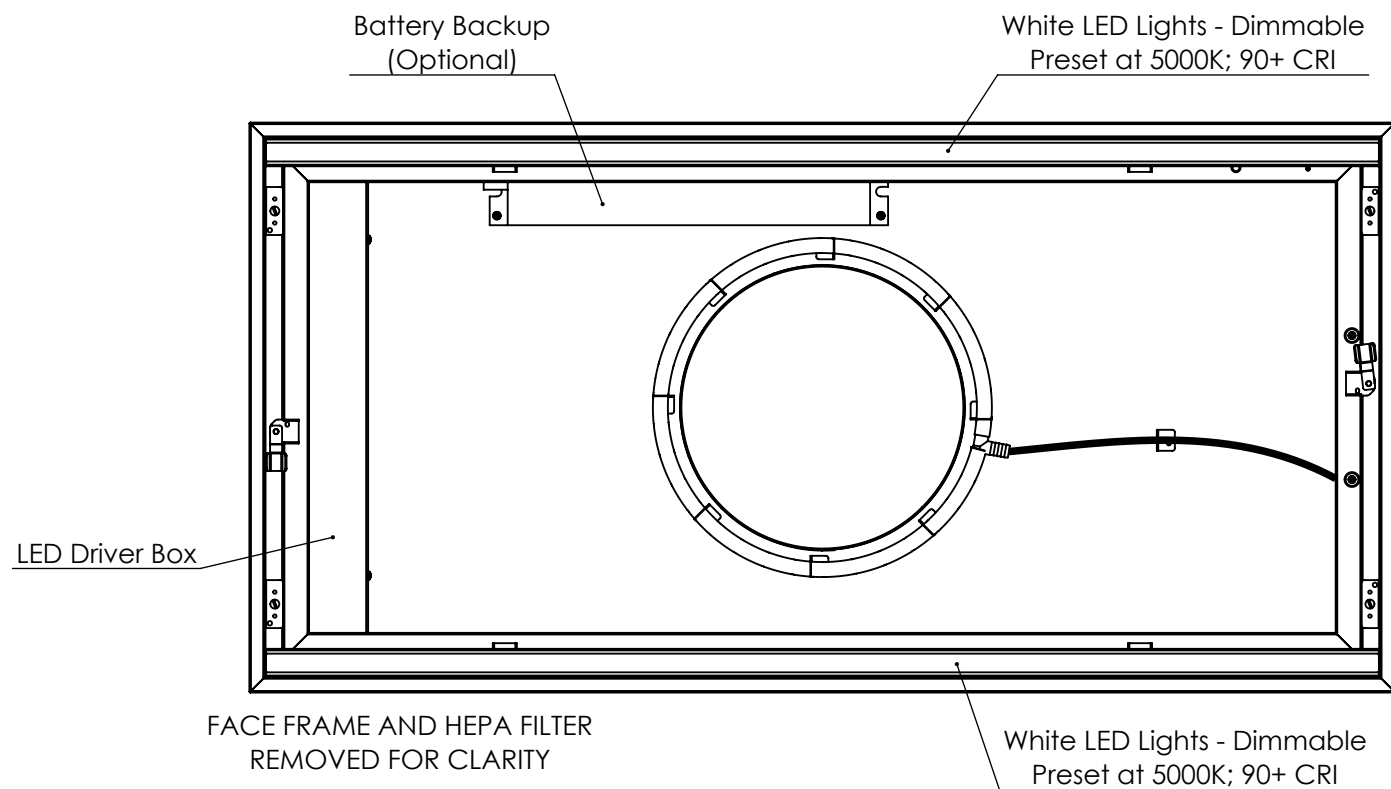
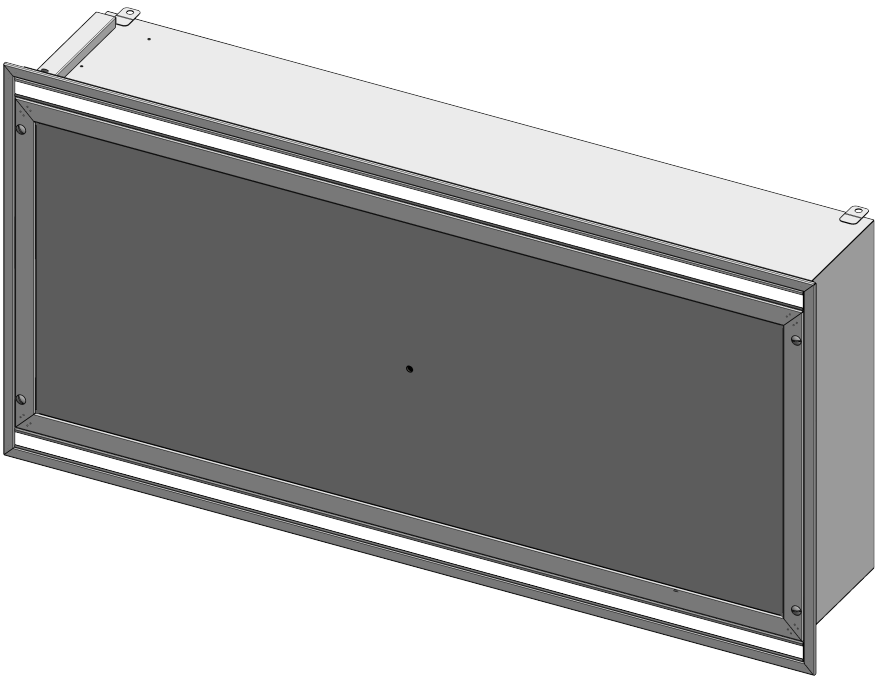
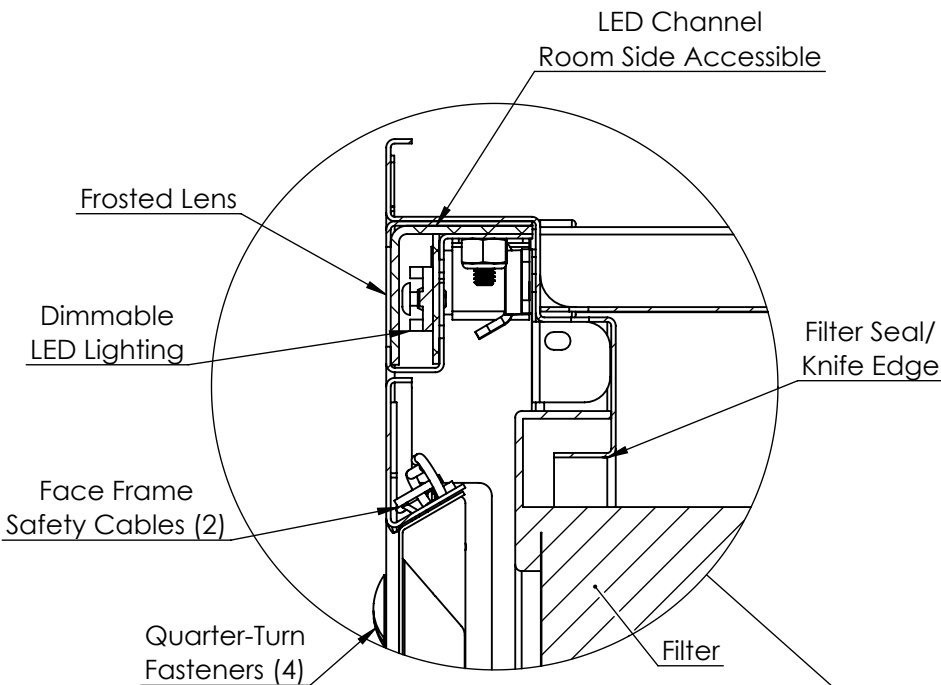


MEETS THE FOLLOWING UL LISTINGS

- UL 1598 - Standard for Safety Luminaires
- UL 2043 - Standard for Safety Fire Test
- UL 2108 - Standard for Low Voltage Lighting Systems
- UL 8750 - Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products
- UL 1310 - Standard for Class 2 Power Units
- UL 94 - Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

LIGHTING SPECIFICATIONS

- Color: White; Preset at 5000K; 90+ CRI
- Dimmable LEDs Controlled via 0-10VDC Dimmer
- Driver - 60watt - Class 2 - 120V or 277V AC Input
- 120VAC = 0.50Amps per Driver **or**
- 277VAC = 0.25Amps per Driver



SECTION B-B
SCALE 1 : 7



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